



August 25, 2010

Materials License Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

RE: Company Name Change - Beta Steel Corporation to NLMK Indiana;
NRC Material License No. 13-32628-01

NRC form 313 is attached. The only amendment to our license is the name change from Beta Steel Corporation to NLMK Indiana. The ownership, mill operation and equipment have not changed from the original issuing of our license. If there are any questions, please contact me on my cell phone at 219-405-5183.

Sincerely,

John Hudson
Sr. Manager – Safety & Environmental Affairs

RECEIVED AUG 31 2010

NRC FORM 313
(3-2009)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
612 E. LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4125

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER 13-32628-01
- C. RENEWAL OF LICENSE NUMBER

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

NLMK Indiana (Beta Steel Corp.)
6500 S. Boundary Rd.
Portage, IN 46368

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

6500 S. Boundary Rd.
Portage, IN 46368

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

John Hudson

TELEPHONE NUMBER

(219) 787-8700 Ext. 248

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY AMOUNT ENCLOSED \$

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

John Hudson - Sr. Mgr. - EHS

SIGNATURE

[Signature]

DATE

8/25/10

FOR NRC USE ONLY

| TYPE OF FEE | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|-------------|---------|--------------|-----------------|--------------|----------|
| | | | \$ | | |
| APPROVED BY | | | | DATE | |

August 25, 2010

United States Nuclear Regulatory Commission
Region III
Department of Material Licensing
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

RE: Company Name Change - Beta Steel Corporation to NLMK Indiana;
NRC Material License No. 13-32628-01

Dear Sir/Madam:

In accordance with Material License No. 13-32628-01 issued to Beta Steel Corp. ("Beta"), 10 CFR 30.34(b), and Volume 15 of the Nuclear Regulatory Commission's ("NRC") Material License Guidance, NUREG 1556 Vol. 15, this letter serves as an application for an amendment of control of the above-captioned license due to a company name change. The new name will be NLMK Indiana (formally Beta Steel Corporation). There is no change in ownership or operations.

As required by Appendix F of NUREG 1556 Vol. 15, NLMK Indiana is providing you with the following information:

- 1. Provide a complete description of the transaction (transfer of stocks or assets, or merger). Indicate whether the name has changed and include the new name. Include the name and telephone number of a licensee contact who NRC may contact if more information is needed.*

Pursuant to a Stock Purchase Agreement dated September 2, 2008, Top Gun Investment Corp. II ("Top Gun"), a wholly-owned subsidiary of OJSC Novolipetsk Steel, acquired 100% of the voting securities of Beta Steel Corporation. Effective July 27, 2010, the name of the licensed organization will change from Beta Steel Corporation to NLMK Indiana (see the attached press release). The only change to the licensee contact will be the company name. The contact will continue to be John Hudson, Radiation Safety Officer, NLMK Indiana, 6500 S. Boundary Road, Portage, Indiana 46368; (219) 787-6448.

- 2. Describe any changes in personnel or duties that relate to the licensed program. Include training and experience for new personnel.*

There will be no changes in personnel or duties that relate to the license.

- 3. Describe any changes in the organization, location, facilities, equipment or procedures that relate to the licensed program.*

There will be no changes in the organization, location, facilities, equipment or procedures that relate to the licensed program

4. *Describe the status of the surveillance program (surveys, wipe tests, quality control) at the present time and the expected status at the time that control is to be transferred.*

The surveillance program is current and in compliance with the applicable requirements at the present time. There have been no findings of contamination.

5. *Confirm that all records concerning the safe and effective decommissioning of the facility will be transferred to the transferee or to NRC, as appropriate. These records include documentation of surveys of ambient radiation levels and fixed and/or removable contamination, including methods and sensitivity.*

As the name change involves no transfer of control as a result of the company name change, NLMK Indiana as licensee would continue to maintain records concerning decommissioning.

6. *Confirm that the transferee will abide by all constraints, conditions, requirements and commitments of the transferor or that the transferee will submit a complete description of the proposed licensed program.*

As the prospective transaction involves an amendment as a result of an name change only, NLMK Indiana as licensee would continue to abide by all constraints, conditions, requirements and commitments of the licensing program.

Please contact me at (219) 787-6448 with any questions. Thank you.

NLMK - Indiana

By: John Hudson

Acknowledgment and Certification of NLMK Indiana:

Name:

John Hudson *JH*

Title:

Sr. Manager - Safety + ENV. AFFAIRS

Procedures for Handling Radiological Emergencies

In the event of an accident involving equipment or packages marked "Radioactive", or in the event of contamination involving radioactive material, the following steps should be taken:

1. Shut off all fans and air-conditioning
2. Evacuate the immediate area while ensuring that the radiation field and spread of contamination are kept to an absolute minimum.
3. Identify and immediately isolate all individuals who might have received high radiation exposures or who could have been contaminated.
 - i. Record distance from the area the individual(s) was/were located and length of time in the area.
 - ii. Collect samples of body fluids such as blood, urine, etc., for further analysis.
 - iii. Arrange for immediate decontamination.
4. Restrict access to the incident area to minimize further exposure or contamination.
5. Promptly notify local radiation personnel. Seek immediate advice on any steps to be taken and arrange for the availability of experts trained to deal with radiation accidents.
6. Contain contamination at the site of the incident.
 - i. Use gloves and thongs to place plastic bags over anything suspected of being contaminated.
 - ii. If there is any possibility of airborne contamination, use a mask.
 - iii. Place all garments, gloves, tools, etc., used in the contaminated area in plastic bags.
 - iv. Wash yourself immediately; shower as soon as possible.
7. Maintain as complete a record as possible for use in further investigations of the incident.

In the event of a fire:

1. Inform the fire department that radioactive materials are involved and their approximate location.
2. If possible, with priority given to human safety:
 - i. Use survey meter or calculation to define the 2mR/hr distance from the source holder and rope off the area.
 - ii. Situation permitting, perform wipe tests on adequate equipment.
 - iii. If contamination is present, follow procedures as previously outlined.

In the event of an explosion or collision:

1. Check the shutter mechanism to see that it is operating properly.
2. Survey the gauge(s) to verify that the radiation profile has not changed.
3. Leak test the gauge(s) to ensure encapsulation is still intact. If contamination is present follow procedures as listed previously.
4. If the gauge is damaged in anyway that might affect safety, arrange to have it shipped back to the manufacturer for repair or replacement.

Emergency Contact Information:

| | |
|--|-------------------------------|
| <i>NLMK - Indiana</i> | <i>(219) 787-8200</i> |
| <i>Radiation Safety Officer</i> | <i>John Hudson</i> |
| <i>Alternate Radiation safety officers</i> | <i>Adam Munoz, Mark Perry</i> |
| <i>Beta Steel Security Main Gate</i> | <i>Ext. 240</i> |
| <i>Portage Fire Department</i> | <i>911</i> |

Gamma Gauge Lockout Procedures

The radiation safety officer will ensure that the following lockout procedures will be posted in a sufficient number of places so workers will be able to view them as they are entering and leaving the restricted area.

The following lockout procedures will be used:

1. The radiation safety officer (or alternate) must be notified before any maintenance work is done.
Radiation Safety Officer *John Hudson*
Alternate Radiation safety officers *Adam Munoz, Mark Perry*
2. The Hot Strip Mill Reheat Furnace north entry door will be secured. A lock and tag will be placed on the door hasp. Only the radiation safety officer (or alternate) can remove the lock & tag allowing for access into the reheat furnace. The locks and tags will be used to secure the sealed sources discussed in item #3.
3. The sealed source is in a shielded device and can be padlocked "closed". The only person to have a key to the lock will be the radiation safety officer (or alternate).
4. The radiation safety officer (or alternate) will lock the source in the "off" position before permitting access to any working personnel.
5. After completion of maintenance, the radiation safety officer (or alternate) will examine the source holder and surrounding area before turning the source holder to the "on" position.
6. During maintenance to the vessel, the source holder is not to be disturbed.
7. Removal, relocation, repair or maintenance of the source and source holder will be performed only by the device manufacturer or by someone specifically licensed by the NRC or an Agreement State.

Hot Strip Mill Reheat Furnace - Gamma Gauge Source Information

Element and mass number

Cesium-137

Chemical and/or physical form

Sealed sources (3M Model 4D6L, 4D6P, 4F6S, 4F6ST, Amersham Model CDC.700, CDC.93, CDC.PE2, CDC.711M, CDC.800; Gamma Industries Model VDHP; Isotope products labs model 225 and A-3402)

Purpose(s) for which licensed material will be used:

For point level measurement using a Ronan Engineering SA-1 source to control slab extractor movement for slab extraction from reheat furnace.

Environmental conditions the source gauge will be exposed to include:

- Temperatures between 20° F and 140° F
- Humidity up to 100% (source holder exposure only)
- Slight vibration due to mill operation. There will be no vibration when the operation is down.

Maximum operating temperature specified by the manufacturer:

- Temperature specifications – 91° C/30 hours and -40° C/5 hours

Cooling System

A cooling system will utilize furnace cooling water to cool the source gauges. The current cooling system supplies water to the support piping, long skids and dropout skids inside the furnace. The source gauges will use this same cooling system. An open water flow trap will be used to visually verify water flow to the source units.

Cooling water flow to the furnace is continuous and provided by three 90 to 130 psi pumps. In the event of a pump failure, a city water check valve, at 45 psi, would open allowing for uninterrupted cooling water flow. An emergency cooling water diesel pump is available in the event water flow to the furnace and source gauges is disrupted for any extended period of time. The diesel pump is tested monthly.

The pump room is manned by an oil basement attendant whenever there is heat in the reheat furnace. In addition, a low pressure water alarm is present in the finishing mill operator's pulpit.

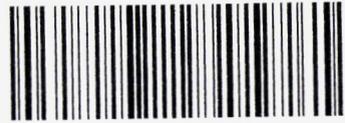
Inspections:

Beta Steel shall conduct, at intervals not to exceed six months, a program of visual inspections and maintenance for all source holders. This inspection shall include, but not be limited to, proper labeling of the source holder, proper functioning of the "on-off" mechanism, adequate shielding of the radioactive material and integrity of the source mounting mechanism.

Beta Steel will ensure that the location of each fixed gauge meets the criteria in the section entitled 'Facilities and Equipment' in NUREG-1556, Vol.4, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Fixed Gauge Licenses,' dated October 1998.

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

CERTIFIED MAIL™



7009 0820 0002 0912 1410



6500 S. Boundary Road, Portage, IN 46368

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U. S. Nuclear Regulatory Commission
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Lisle, IL 60532-4352